

## Annex 1: Group differences

	<b>Intention to treat (ITT) - N=86</b>	<b>Per protocol (PP) - N=84</b>
<b>MOCA_v1-baseline</b>	Kruskal-Wallis chi-squared = 2.9946, df = 2, p-value = 0.2237 Gr. comp. Adj. p-value 1-2 0.3051591 1-3 0.5989947 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.1016, df = 2, p-value = 0.5765 Gr. comp. Adj. p-value 1-2 0.8862243 1-3 1.0000000 2-3 1.0000000
<b>MOCA_v2-baseline</b>	Kruskal-Wallis chi-squared = 2.954, df = 2, p-value = 0.2283 Gr. comp. Adj. p-value 1-2 0.7156052 1-3 0.2869016 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.5472, df = 2, p-value = 0.4614 Gr. comp. Adj. p-value 1-2 0.6790492 1-3 1.0000000 2-3 1.0000000
<b>PSI_DSC_v1-baseline</b>	Kruskal-Wallis chi-squared = 1.5716, df = 2, p-value = 0.4557 Gr. comp. Adj. p-value 1-2 0.7682078 1-3 1.0000000 2-3 0.9025362	Kruskal-Wallis chi-squared = 1.5482, df = 2, p-value = 0.4611 Gr. comp. Adj. p-value 1-2 0.8645722 1-3 0.8295927 2-3 1.0000000
<b>PSI_DSC_v2-baseline</b>	Kruskal-Wallis chi-squared = 0.17898, df = 2, p-value = 0.9144 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 2.9083, df = 2, p-value = 0.2336 Gr. comp. Adj. p-value 1-2 0.9917768 1-3 0.2690619 2-3 1.0000000
<b>PSI_SS_v1-baseline</b>	Kruskal-Wallis chi-squared = 5.7111, df = 2, p-value = 0.05752 Gr. comp. Adj. p-value 1-2 0.0507960 1-3 0.8456964 2-3 0.5910859	Kruskal-Wallis chi-squared = 3.5939, df = 2, p-value = 0.1658 Gr. comp. Adj. p-value 1-2 0.1821421 1-3 1.0000000 2-3 0.6930949
<b>PSI_SS_v2-baseline</b>	Kruskal-Wallis chi-squared = 3.4516, df = 2, p-value = 0.178 Gr. comp. Adj. p-value 1-2 0.1898350 1-3 1.0000000 2-3 0.9600965	Kruskal-Wallis chi-squared = 1.4536, df = 2, p-value = 0.4835 Gr. comp. Adj. p-value 1-2 0.8495979 1-3 1.0000000 2-3 0.9061589

<b>SCWT_W-D_v1-baseline</b>	Kruskal-Wallis chi-squared = 0.43139, df = 2, p-value = 0.806 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 0.76864, df = 2, p-value = 0.6809 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000
<b>SCWT_W-D_v2-baseline</b>	Kruskal-Wallis chi-squared = 0.19297, df = 2, p-value = 0.908 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.3469, df = 2, p-value = 0.5099 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 0.8497795

<b>SCWT_C-D_v1-baseline</b>	Kruskal-Wallis chi-squared = 1.0735, df = 2, p-value = 0.5846 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.9222, df = 2, p-value = 0.3825 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.4968267 2-3 1.0000000
<b>SCWT_C-D_v2-baseline</b>	Kruskal-Wallis chi-squared = 1.8311, df = 2, p-value = 0.4003 Gr. comp. Adj. p-value 1-2 0.9214534 1-3 0.6094999 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.2103, df = 2, p-value = 0.546 Gr. comp. Adj. p-value 1-2 0.9124396 1-3 1.0000000 2-3 1.0000000
<b>DS_F_v1-baseline</b>	Kruskal-Wallis chi-squared = 0.77618, df = 2, p-value = 0.6784 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 3.4141, df = 2, p-value = 0.1814 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.2565390 2-3 0.4519643
<b>DS_F_v2-baseline</b>	Kruskal-Wallis chi-squared = 4.4426, df = 2, p-value = 0.1085 Gr. comp. Adj. p-value 1-2 0.1927498 1-3 0.2241638 2-3 1.0000000	Kruskal-Wallis chi-squared = 3.4781, df = 2, p-value = 0.1757 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.1956700 2-3 0.7596824
<b>DS_B_v1-baseline</b>	Kruskal-Wallis chi-squared = 3.368, df = 2, p-value = 0.1856 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.2004813 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.1998, df = 2, p-value = 0.5489 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000
<b>DS_B_v2-baseline</b>	Kruskal-Wallis chi-squared = 7.2622, df = 2, p-value = 0.02649 Gr. comp. Adj. p-value 1-2 0.3176149 1-3 0.0227401 2-3 0.9236916	Kruskal-Wallis chi-squared = 6.082, df = 2, p-value = 0.04779 Gr. comp. Adj. p-value 1-2 0.4821642 1-3 0.0423081 2-3 0.9716367
<b>TMT1_v1-baseline</b>	Kruskal-Wallis chi-squared = 1.979, df = 2, p-value = 0.3718 Gr. comp. Adj. p-value 1-2 0.5117596 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 2.6055, df = 2, p-value = 0.2718 Gr. comp. Adj. p-value 1-2 0.6528185 1-3 0.3894484 2-3 1.0000000

<b>TMT1_v2-baseline</b>	Kruskal-Wallis chi-squared = 6.4319, df = 2, p-value = 0.04012 Gr. comp. Adj. p-value 1-2 0.1267959 1-3 0.0617833 2-3 1.0000000	Kruskal-Wallis chi-squared = 2.782, df = 2, p-value = 0.2488 Gr. comp. Adj. p-value 1-2 0.3125658 1-3 0.7885215 2-3 1.0000000
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<b>TMT2_v1-baseline</b>	Kruskal-Wallis chi-squared = 0.26422, df = 2, p-value = 0.8762 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.4481,df = 2, p-value = 0.4848 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 0.7546505
<b>TMT2_v2-baseline</b>	Kruskal-Wallis chi-squared = 2.469, df = 2, p-value = 0.291 Gr. comp. Adj. p-value 1-2 0.8008163 1-3 1.0000000 2-3 0.3823402	Kruskal-Wallis chi-squared = 2.8738,df = 2, p-value = 0.2377 Gr. comp. Adj. p-value 1-2 0.5692837 1-3 1.0000000 2-3 0.3263420
<b>HDRS_v1-baseline</b>	Kruskal-Wallis chi-squared = 3.1861, df = 2, p-value = 0.2033 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.4099455 2-3 0.3252967	Kruskal-Wallis chi-squared = 2.2428,df = 2, p-value = 0.3258 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.4993261 2-3 0.7122785
<b>HDRS_v2-baseline</b>	Kruskal-Wallis chi-squared = 2.4418, df = 2, p-value = 0.295 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.9265261 2-3 0.3738440	Kruskal-Wallis chi-squared = 1.1329,df = 2, p-value = 0.5675 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 0.9894535
<b>HADS_v1-baseline</b>	Kruskal-Wallis chi-squared = 1.0283, df = 2, p-value = 0.598 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.9529634 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.31, df = 2, p-value = 0.5194 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 0.7652385 2-3 1.0000000
<b>HADS_v2-baseline</b>	Kruskal-Wallis chi-squared = 0.42942, df = 2, p-value = 0.8068 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000	Kruskal-Wallis chi-squared = 1.1456,df = 2, p-value = 0.5639 Gr. comp. Adj. p-value 1-2 1.0000000 1-3 1.0000000 2-3 1.0000000

#### Group Reference:

- 1 = Cerebrolysin + rTMS
- 2 = Cerebrolysin + sham
- 3 = Placebo + sham